North Coast Redwoods District
Genetic Integrity Guidelines
For Revegetation, Seed Collection and Propagation

Prepared By

John Neef
Park Maintenance Worker I

Stephen Underwood
Associate State Park Resource Ecologist

Approved By:

Original signed on April 13, 2003

John A. Kolb
North Coast Redwood District Superintendent

April 13, 2003

California State Parks and Recreation Commission Statement of Policy
Policy 11.4
Preservation of Vegetative Entities
(Amended 5-4-94)

"In order to maintain the genetic integrity and diversity of native California plants, revegetation or transplant efforts in the State Parks System will be from local populations, unless shown by scientific analysis that these populations are not genetically distinct from populations being proposed for use. If local populations have been decimated, the closest, most genetically similar population(s) to that State Park System unit will be used."

District Policy:

Locality of Collection:

In order to maintain the genetic integrity and diversity of native California plants, all transplant and propagation in the North Coast Redwoods District will be from **local populations** (preferably from within the same stand). For the purpose of this policy, local is defined as being from the immediate project area (as close as possible, but generally less than one mile). Local populations will be considered decimated, and therefore not available for collection, only if there are not enough plants remaining to accomplish propagation and/or seed collection.

If the plant material or seed **cannot** be collected from **local populations** because:

- plants are not available or accessible;
- there is not enough time to collect and propagate material prior to the planting deadline;

then collection can occur within the **same CalWater Planning Watershed Unit, or park unit or seed zone** provided the planting area is within an elevation of + or – 800 feet of the collection site.

Collection Diversity:

If available seed and propagation collection should come from a minimum of 10-15 different plants for larger projects to insure that sufficient genetic variability is obtained.

Emergencies:

In emergencies (large fires, emergency slope stability projects etc.) consideration of the use of commercial stock will be given provided that the stock meets the location and elevation constrains outlined above.